

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2835

Applicant: George Hsieh

Title: ELECTRONIC ASSEMBLY WITH SOLDERABLE HEAT SINK AND METHODS OF MANUFACTURE

Docket No.: 884.462US1

Filed: June 29, 2001

Examiner: Gregory Thompson



Serial No.: 09/897320

Due Date: N/A

Group Art Unit: 2835

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 4 cited documents.
- ☒ A copy of the International Search Report in PCT/US02/14870, mailed May 22, 2003.

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Ann M. McCrackin
Atty: Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of August, 2003.

KACIA LEE
Name

Kacia Lee
Signature

Customer Number 21186

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

AUG 25 2001

S/N 09/897320

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|--|-----------------|------------------|
| Applicant: | George Hsieh | Examiner: | Gregory Thompson |
| Serial No.: | 09/897320 | Group Art Unit: | 2835 |
| Filed: | June 29, 2001 | Docket: | 884.462US1 |
| Title: | ELECTRONIC ASSEMBLY WITH SOLDERABLE HEAT SINK AND METHODS OF MANUFACTURE | | |
| Assignee: | Intel Corporation | Customer No.: | 21186 |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(1) and 37 C.F.R. §1.97(e)(1), Applicant states that each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement. The relevant International Search Report in PCT/US02/14870, mailed May 22, 2003, is enclosed.

It is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if a final action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No. 09 897320

Filing Date: June 29, 2001

Title: ELECTRONIC ASSEMBLY WITH SOLDERABLE HEAT SINK AND METHODS OF MANUFACTURE

Assignee: Intel Corporation

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Dkt. 884.462US1 (INTEL)

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

GEORGE HSIEH

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

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Date Aug. 22, 2003

By Ann M. McCrackin
Ann M. McCrackin
Reg. No. 42,858

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KACIA LEE
Name

Kacia Lee
Signature

AUG 25 2000

PTO SB/08A(10-01)

Approved for use through 12/31/2002 OMB 551-0031
US Patent & Trademark Office US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A:PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|-----------------------------|-------------------|
| Application Number | 09/897320 |
| Filing Date | June 29, 2001 |
| First Named Inventor | Hsieh, George |
| Group Art Unit | 2835 |
| Examiner Name | Thompson, Gregory |

Sheet 1 of 1

Attorney Docket No: 884.462US1

US PATENT DOCUMENTS

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|
| | US-5,375,652 | 12/27/1994 | Matsunaga, K., et al. | 165 | 80.3 | 08/10/1993 |
| | US-5,926,371 | 07/20/1999 | Dolbear, Thomas P. | 361 | 704 | 04/25/1997 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T ² |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
| | JP-10-189841 | 07/21/1998 | Tadayoshi, D | H01L | 23/40 | |
| | JP-2000-138483 | 05/16/2000 | Yamaguchi, Seiji | H05K | 7/20 | |

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|----------------------|---|----------------|
|--------------------|----------------------|---|----------------|

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional): Applicant is to place a check mark here if English language Translation is attached.